

Notice of Allowability

Application No.

10/816,468

Examiner

Nicholas C. Pachol

Applicant(s)

SANDERS ET AL.

Art Unit

2625

- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 08/17/09.
2. ☒ The allowed claim(s) is/are 1-11 and 17-34 (renumbered as 1-29).
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: ____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date ____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date ____.
- Identifying Indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date ____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date ____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other ____.

/Nicholas C Pachol/
Examiner, Art Unit 2625

/Twyler L. Haskins/
Supervisory Patent Examiner, Art Unit 2625

DETAILED ACTION

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Ellen Bierman on 11/18/09.

The application has been amended as follows: Claim 1: A method in a computing system, comprising:

under control of the computing system,

receiving a print job that requests to print a set of electronic document pages that are available from a communication network;

breaking up the print job into a plurality of batches each having a plurality of electronic document pages that together form the set of electronic document pages;

before printing each batch of said print job, applying stamps to the electronic document pages of each said batch, such that stamps are applied to at least one batch while at least one already stamped batch of said print job is currently printing; and

under control of a server of the computing system, controlling the printing of said batches of said print job by separately sending said each batch having said respective stamps that have been applied to electronic document pages of said batch to a client terminal to be printed, while electronic document pages of other batches of said print job

that are awaiting to be printed are having said respective stamps applied, wherein all said batches of said print job are sent to said client terminal for printing on a same single printer of said client terminal.

Claim 29: A computer system comprising:

a means for receiving a print job that requests to print a set of electronic document pages that are available from a communication network;

a means for breaking up the print job into a plurality of batches each having a plurality of electronic document pages that together form the set of electronic document pages;

a means for applying, before printing each batch of said print job, stamps to the electronic document pages of each said batch, such that stamps are applied to at least one batch while at least one already stamped batch of said print job is currently printing; and

a means for controlling the printing of said batches of said print job by separately sending said each batch having said respective stamps that have been applied to electronic document pages of said batch to a client terminal to be printed, while electronic document pages of other batches of said print job that are awaiting to be printed are having said respective stamps applied, wherein all said batches of said print job are sent to said client terminal for printing on a same single printer of said client terminal.

Allowable Subject Matter

2. Claims 1-11 and 17-34 (renumbered as 1-29) are allowed.
3. The following is an examiner's statement of reasons for allowance: The present invention is directed to "use of a batch-printing technique to efficiently print high volumes of electronic documents from a network". Independent claims 1, 17, and 29 renumbered as 1, 12, and 24 respectively, identify the uniquely distinct features ***inter alia*** "applying stamps to portions of a print job while other portions are sent to the printer and/or being printed" as stated in applicants arguments dated 08/17/09 in paragraph 1 on page 12.

The prior art of record fails to anticipate or render the above underlined limitations obvious.

Dependent claims 2-11, 18-28, and 30-34 (renumbered as 2-11, 13-23, and 25-29, respectively) are also allowed due to its dependency on the allowed base claims.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nicholas C. Pachol whose telephone number is 571-

270-3433. The examiner can normally be reached on M-Thr, 8:00 a.m.- 4:00 p.m.
(EST), Fridays off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Twyler L. Haskins can be reached on 571-272-7406. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/N. C. P./
Examiner, Art Unit 2625

11/19/09

/Twyler L. Haskins/
Supervisory Patent Examiner, Art Unit 2625